Name: _____ Date: _____

Mixed Number Word Problems

Grade 4 | Solving word problems that add and subtract mixed numbers with like denominators | Version 10 of 10

Read each problem. Write an addition or subtraction equation with mixed numbers and solve it. Regroup when you need to. Include the unit in your answer.

1. A recipe uses 6 1/5 cups of flour for bread and 4 3/5 cups for muffins. How many cups of flour is that in all?

Equation: _____ Answer: _____

2. A painter used 6 1/3 gallons of white paint and 2 1/3 gallons of blue paint. How much paint was used?

Equation: _____ Answer: _____

3. Ivy hiked 5 2/5 miles in the morning and 1 4/5 miles after lunch. How far did Ivy hike?

Equation: _____ Answer: _____

4. Ava's sunflower is 3 2/3 feet tall. Its bean plant is 2 1/3 feet tall. How much taller is the sunflower?

Equation: _____ Answer: _____

5. Jude had 3 2/5 meters of ribbon and used 1 4/5 meters to wrap a box. How much ribbon is left?

Equation: _____ Answer: _____

6. Max has a rope 6 1/5 yards long and ties on another piece 4 4/5 yards long. How long is the rope now?

Equation: _____ Answer: _____

7. Ava had a board 4 2/3 feet long and cut off 1 1/3 feet. How long is the board now?

Equation: _____ Answer: _____

8. A pitcher held 3 1/3 quarts of juice. The class drank 1 2/3 quarts. How much juice is left?

Equation: _____ Answer: _____

Mixed Number Word Problems - ANSWER KEY

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Read each problem. Write an addition or subtraction equation with mixed numbers and solve it. Regroup when you need to. Include the unit in your answer.

1. A recipe uses 6 1/5 cups of flour for bread and 4 3/5 cups for muffins. How many cups of flour is that in all?

Equation: **6 1/5 + 4 3/5 = 10 4/5** Answer: **10 4/5 cups**

2. A painter used 6 1/3 gallons of white paint and 2 1/3 gallons of blue paint. How much paint was used?

Equation: **6 1/3 + 2 1/3 = 8 2/3** Answer: **8 2/3 gallons**

3. Ivy hiked 5 2/5 miles in the morning and 1 4/5 miles after lunch. How far did Ivy hike?

Equation: **5 2/5 + 1 4/5 = 7 1/5** Answer: **7 1/5 miles**

4. Ava's sunflower is 3 2/3 feet tall. Its bean plant is 2 1/3 feet tall. How much taller is the sunflower?

Equation: **3 2/3 – 2 1/3 = 1 1/3** Answer: **1 1/3 feet**

5. Jude had 3 2/5 meters of ribbon and used 1 4/5 meters to wrap a box. How much ribbon is left?

Equation: **3 2/5 – 1 4/5 = 1 3/5** Answer: **1 3/5 meters**

6. Max has a rope 6 1/5 yards long and ties on another piece 4 4/5 yards long. How long is the rope now?

Equation: **6 1/5 + 4 4/5 = 11** Answer: **11 yards**

7. Ava had a board 4 2/3 feet long and cut off 1 1/3 feet. How long is the board now?

Equation: **4 2/3 – 1 1/3 = 3 1/3** Answer: **3 1/3 feet**

8. A pitcher held 3 1/3 quarts of juice. The class drank 1 2/3 quarts. How much juice is left?

Equation: **3 1/3 – 1 2/3 = 1 2/3** Answer: **1 2/3 quarts**